

FIG.1

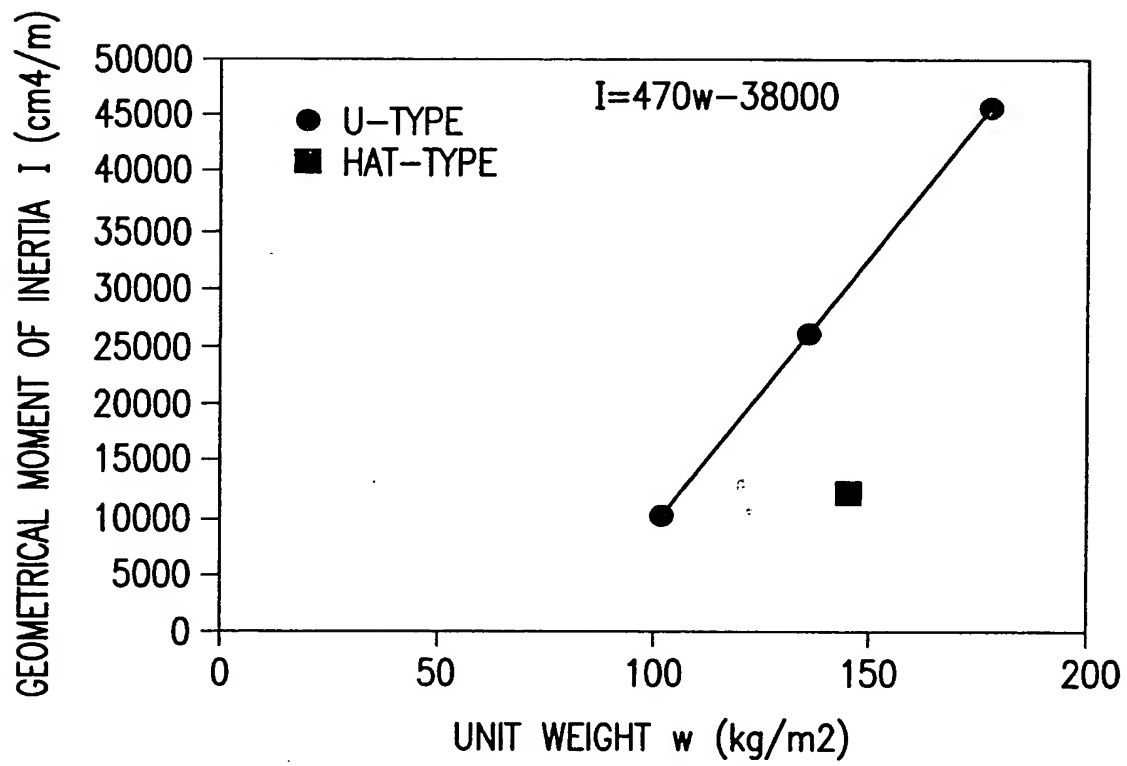


FIG.2

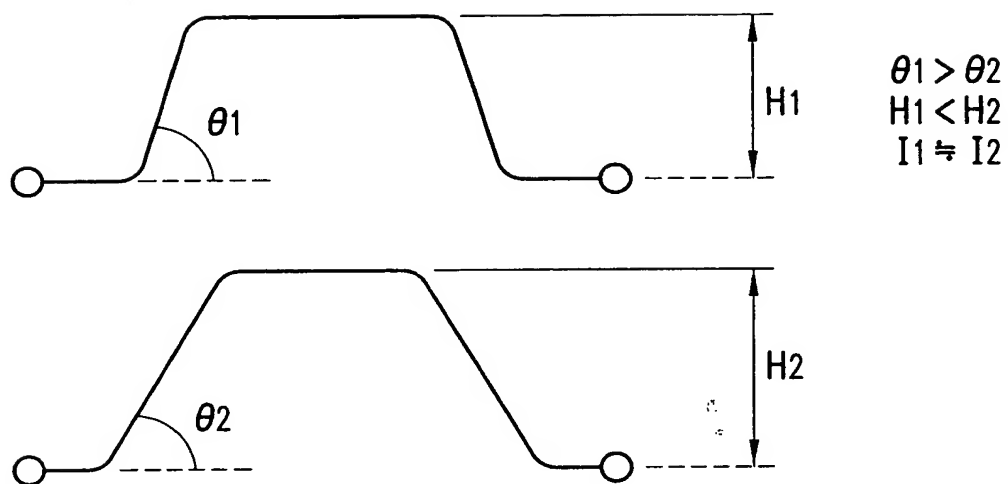


FIG.3

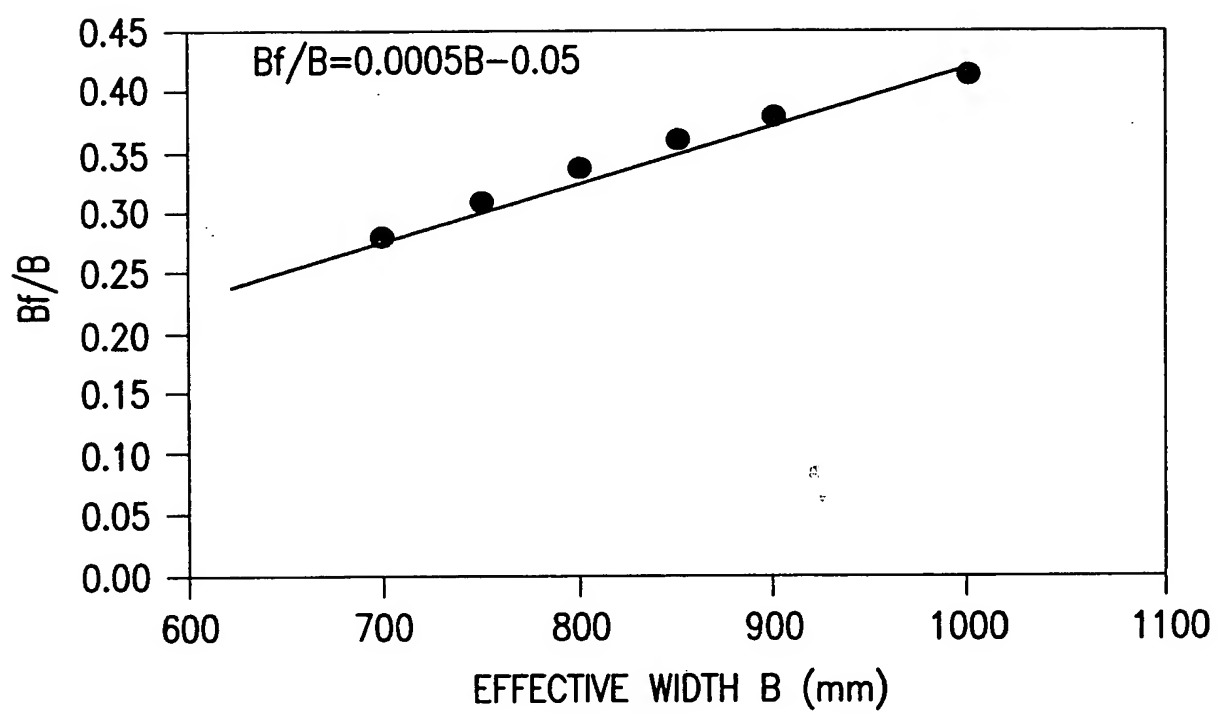


FIG.4

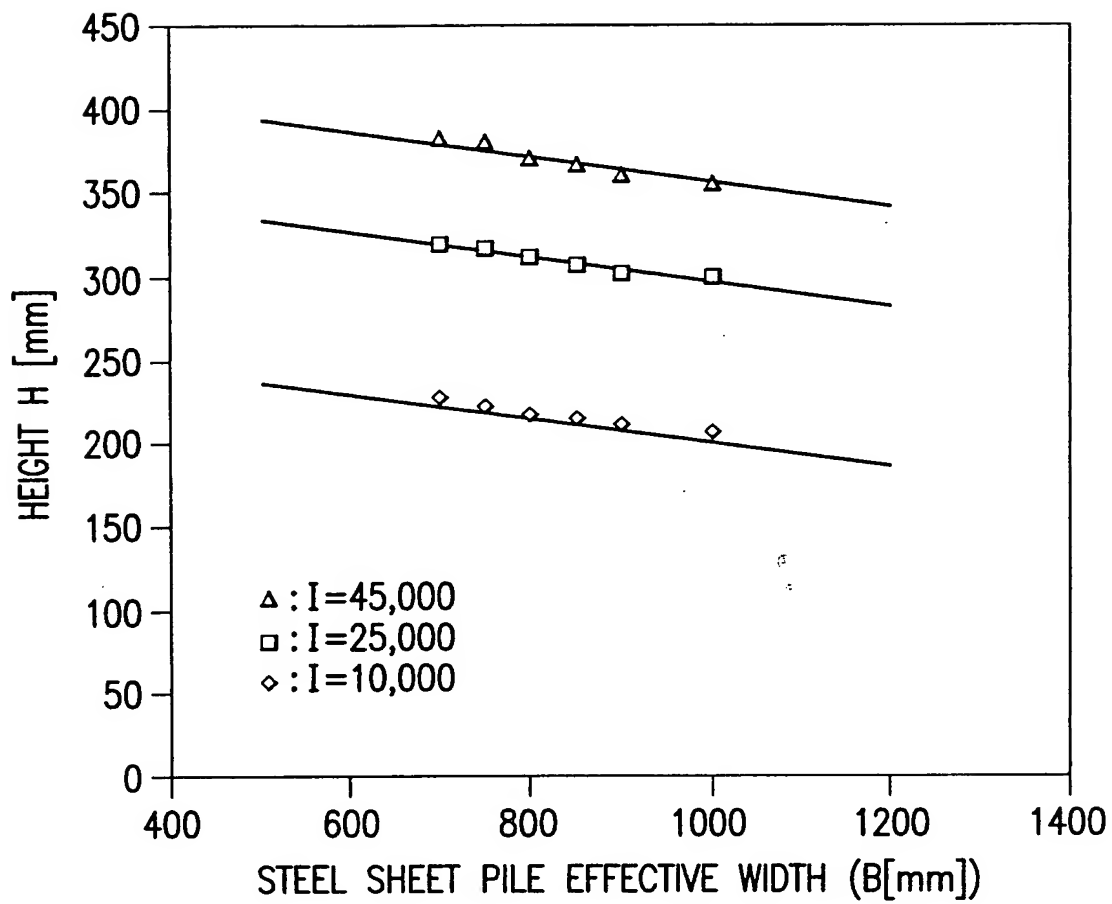


FIG.5

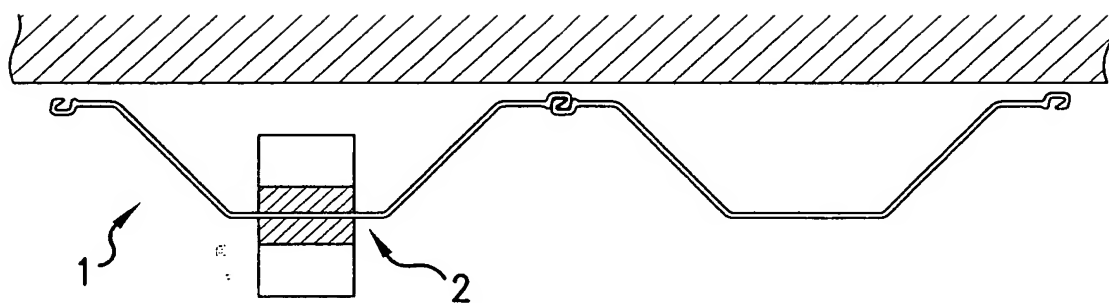


FIG.6

	NO.	EFFECTIVE WIDTH B[mm]	FLANGE WIDTH Bf[mm]	WEB WIDTH Bw[mm]	HEIGHT H[mm]	WEB ANGLE [DEGREE]	FLANGE THICKNESS t[mm]	UNIT WEIGHT W[kg/m ²]	GEOMETRICAL MOMENT OF INERTIA I[cm ⁴ /m]	0.005B ² -0.05B-Bf	H+0.073xB -0.0043xI -230	I-470W +38000
EXAMPLE	1	850	305	120	217	61.1	11.0	101.3	10313	13.75	4.7	702
EXAMPLE	2	900	340	110	215	62.9	11.0	101.6	10405	20	6.0	653
EXAMPLE	3	1000	410	90	210	66.8	11.0	101.9	10370	40	8.4	477
EXAMPLE	4	850	305	120	307	68.7	13.5	133.5	26412	13.75	25.5	1667
EXAMPLE	5	900	340	110	302	70	13.5	133	26171	20	25.2	1661
EXAMPLE	6	1000	400	100	300	71.6	13.5	131.7	26492	50	29.1	2593
EXAMPLE	7	1000	439	61	290	78.1	13.5	137.1	26456	11	19.2	19
EXAMPLE	8	900	290	196	230	48.0	11.0	95.0	10500	70	20.55	3850
EXAMPLE	9	900	340	124	300	66.0	13.0	127.0	24700	20	29.49	3010
COMPARATIVE EXAMPLE	10	1000	466	34	200	80.4	11	108.5	10334	-16	-1.4	-2661
COMPARATIVE EXAMPLE	11	800	299	101	302	71.5	13.5	138.2	26516	-19	16.4	-438
COMPARATIVE EXAMPLE	12	850	337	88	297	73.5	13.5	138.1	26400	-18.25	15.5	-507
COMPARATIVE EXAMPLE	13	900	367	83	292	74.1	13.5	136.6	25724	-7	17.1	-478
COMPARATIVE EXAMPLE	14	800	312	88	210	67.3	11.0	106.1	10285	-32	-5.8	-1582
COMPARATIVE EXAMPLE	15	850	351	74	207	70.3	11.0	106.7	10314	-32.25	-5.3	-1835
COMPARATIVE EXAMPLE	16	900	390	60	205	73.7	11.0	107.4	10408	-30	-4.1	-2070

FIG.7

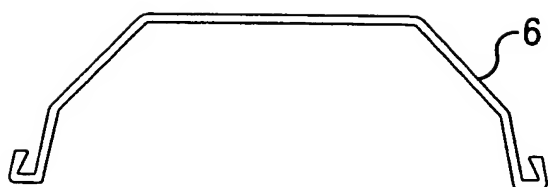


FIG. 8A

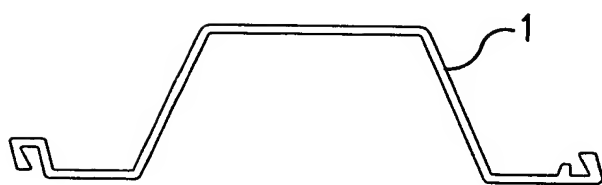


FIG. 8B

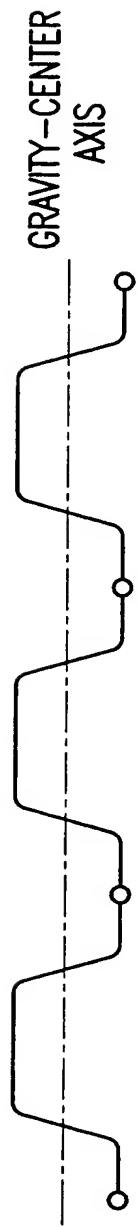


FIG.9